## IAP7 Rec'd PCT/PTO 16 JUN 2006

PTO-1390 (Rev. 07-2005)
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| T      | RANSMITTAL LETTER T   | IO THE ONLIED STATES                          | ATTORNEY'S DOCKET NUMBER<br>0760-0356PUS1         |  |  |  |  |  |  |  |  |
|--------|---|---|---|--|--|--|--|--|--|--|--|
|        | DESIGNATED/ELECTED  | ` '   | U.S. APPLICATION (Expans), (22: 37 CFR 1.5)       |  |  |  |  |  |  |  |  |
|        |   | INTERNATIONAL FILING DATE                     | PRIORITY DATE CLAIMED                             |  |  |  |  |  |  |  |  |
|        | NATIONAL APPLICATION NO.<br>PCT/JP2004/018895   | 17 December 2004                              | 17 December 2003                                  |  |  |  |  |  |  |  |  |
|        | OF INVENTION  | EASURING ENVIRONMENTAL ALLE                   | EDCEN   |  |  |  |  |  |  |  |  |
| APPLIC | CANT(S) FOR DO/EO/US  | PASORING EIVAINORMEIVINE                      | ERGEN   |  |  |  |  |  |  |  |  |
|        | ONDA; and Koji SUZUKI   | " De l'annie d'Elected Office (DO/EO/         | 100 the following items and other information:    |  |  |  |  |  |  |  |  |
| ∵—     | 7   |   | US) the following items and other information:    |  |  |  |  |  |  |  |  |
| 1. X   | _   | ems concerning a submission under 35 U.S      |   |  |  |  |  |  |  |  |  |
| 2      | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.   |   |   |  |  |  |  |  |  |  |  |
| 3      | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |   |   |  |  |  |  |  |  |  |  |
| 4.     | The US has been elected (Article 31).   |   |   |  |  |  |  |  |  |  |  |
| 5. x   | A copy of the International Applica   | ration as filed (35 U.S.C. 371 (c)(2))        |   |  |  |  |  |  |  |  |  |
| a.     | . x is attached hereto (required o  | only if not communicated by the Internation   | nal Bureau).                                      |  |  |  |  |  |  |  |  |
| b.     | has been communicated by the  | he International Bureau.                      |   |  |  |  |  |  |  |  |  |
| _ c.   | is not required, as the applica   | ation was filed in the United States Receiv   | ring Office (RO/US).                              |  |  |  |  |  |  |  |  |
| 6.     |   | of the International Application as filed (35 | U.S.C. 371(c)(2)).                                |  |  |  |  |  |  |  |  |
| a.     |   |   |   |  |  |  |  |  |  |  |  |
| ь.     | <u>'</u>  | •       |   |  |  |  |  |  |  |  |  |
| 7. X   | Amendments to the claims of the I   | International Application under PCT Article   | le 19 (35 U.S.C. 371(c)(3))                       |  |  |  |  |  |  |  |  |
| a.     | are attached hereto (required   | I only if not communicated by the Internation | ional Bureau).                                    |  |  |  |  |  |  |  |  |
| b.     | have been communicated by t   | the International Bureau.                     |   |  |  |  |  |  |  |  |  |
| c.     | have not been made; however   | er, the time limit for making such amendme    | ents has NOT expired.                             |  |  |  |  |  |  |  |  |
| d.     | x have not been made and will r   | not be made.                                  |   |  |  |  |  |  |  |  |  |
| 8.     | An English language translation of  | of the amendments to the claims under PC      | T Article 19 (35 U.S.C. 371(c)(3)).               |  |  |  |  |  |  |  |  |
| 9      | An oath or declaration of the inven   | ntor(s) (35 U.S.C. 371(c)(4)).                |   |  |  |  |  |  |  |  |  |
| 10     | Article 36 (35 U.S.C. 371(c)(5)).   | of the annexes of the International Prelimin  | nary Examination Report under PCT                 |  |  |  |  |  |  |  |  |
| Item   | ns 11 to 20 below concern document  | ment(s) or information included:              |   |  |  |  |  |  |  |  |  |
| 11. X  | An Information Disclosure Stater  | ement under 37 CFR 1.97 and 1.98.             |   |  |  |  |  |  |  |  |  |
| 12.    | An assignment document for recor  | rding. A separate cover sheet in compliar     | nce with 37 CFR 3.28 and 3.31 is included.        |  |  |  |  |  |  |  |  |
| 13.    | A preliminary amendment.  |   |   |  |  |  |  |  |  |  |  |
| 14. X  | An Application Data Sheet under   | 37 CFR 1.76.                                  | İ   |  |  |  |  |  |  |  |  |
| 15.    | A substitute specification.   |   |   |  |  |  |  |  |  |  |  |
| 16.    | A power of attorney and/or change   | je of address letter.                         |   |  |  |  |  |  |  |  |  |
| 17.    | A computer-readable form of the   | sequence listing in accordance with PC        | T Rule 13 <i>ter.</i> 2 and 37 CFR 1.821 – 1.825. |  |  |  |  |  |  |  |  |
| 18.    | A second copy of the published In   | nternational Application under 35 U.S.C.      | . 154(d)(4).                                      |  |  |  |  |  |  |  |  |
| 19.    | A second copy of the English lang   | guage translation of the international app    | plication under 35 U.S.C. 154(d)(4).              |  |  |  |  |  |  |  |  |
|        |   |   |   |  |  |  |  |  |  |  |  |
|        |   |   |   |  |  |  |  |  |  |  |  |

## AP3 Rec'd PCT/PTO 1 6 JUN 2005

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| U.S. APPLICATION NO CHEMP 400 37 CFE 1.5)  |   |   | INTERNATIONAL APPL                              | ATTORNEY'S DOCKET NUMBER<br>0760-0356PUS1 |                     |              |                         |              |             |  |  |  |
|--|---|---|---|---|---------------------|--------------|-------------------------|--------------|-------------|--|--|--|
| 20. k Other  | r items or inform                         |   | n Receipt Postcard                              | _   | /40                 |              |                         |              |             |  |  |  |
| PCT/ISA/210; PCT/IB/308; Drawings - Twelve (12) Sheets   |   |   |   |   |                     |              |                         |              |             |  |  |  |
|  |   |   |   |   |                     |              |                         |              |             |  |  |  |
| _  | _   | ave been submitte                             |   | _   |                     |              | ULATIO                  |              | PTO USEONLY |  |  |  |
| 21. x Basi   | c national tee                            | (37 CFR 1.492(a                               | a))   | •••••                                     | \$300               | \$           | 300.                    | .00          |             |  |  |  |
| 22. x Exam If the written opin prepared by I All other situation   | \$  | 200.  | .00   |   |                     |              |                         |              |             |  |  |  |
| 23. X Seam If the written opin IPEA/US Search fee (37 C International Sea previously All other situation   | \$ 400.00                                 |   |   |   |                     |              |                         |              |             |  |  |  |
|  | TOTAL OF 21,                              | 22 and 23 =                                   |   |   |                     | \$           | 900.                    | 00           |             |  |  |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |   |   |   |   |                     |              | _                       |              |             |  |  |  |
| Total Sheets   | Extra Sheets                              |   | additional 50 or fraction up to a whole number) |   | RATE                |              |                         |              |             |  |  |  |
| 41 -100=   | /50 =                                     |   |   |   | x \$250.00          | \$           |                         | $\downarrow$ |             |  |  |  |
| after the date of c  | commencement o                            | of the national stage                         | <del></del>                                     | oatt                                      |                     | \$           | 130.0                   | 00           |             |  |  |  |
| CLAIMS<br>Total claim  |   | UMBER FILED                                   | NUMBER EXTRA                                    | Ļ   | RATE 50.00          |              | 2007                    | ~~           |             |  |  |  |
| Total claim<br>Independent of  | ~ <u>`</u>                                | 26 - 20 =<br>4 - 3 =                          | 6   | ×   | 50.00<br>200.00     |              | 300.0<br>200.0          |              |             |  |  |  |
|  | ENDENT CLAIM(                             |   |   | X<br> +                                   | 200.00              | <del> </del> | 200.                    | +            |             |  |  |  |
|  |   | (O) (C OPP.                                   | TOTAL OF A                                      |   | /E CALCULATIONS =   | \$           | 1,530.0                 | nn           |             |  |  |  |
| Applicant  |   | 1,000   | +   |   |                     |              |                         |              |             |  |  |  |
|  |   |   |   |   | SUBTOTAL =          | \$           | 1,530.0                 | 00           |             |  |  |  |
|  | f \$130.00 for furni<br>late (37 CFR 1.49 |   | anslation later than 30 m                       | onth                                      | s from the earliest | \$ 130.00    |                         |              | 130.00      |  |  |  |
|  | AL NATIONAL FEE =                         | \$  |   | 1,6                                       | 660.00              |              |                         |              |             |  |  |  |
|  |   | signment (37 CFR 1.:<br>CFR 3.28, 3.31). \$40 | .21(h)). The assignment<br>0.00 per property    | mus                                       | it be accompanied + | \$           |                         |              |             |  |  |  |
|  | \$  |   |   |   |                     |              |                         |              |             |  |  |  |
| TOTAL FEES ENCLOSED =  |   |   |   |   |                     |              | \$ 1,660.00             |              |             |  |  |  |
|  |   |   |   |   |                     |              | Amount to be refunded:  |              |             |  |  |  |
|  |   |   |   |   |                     |              | Amount to be sharged \$ |              |             |  |  |  |
|  |   |   |   |   |                     |              |                         |              |             |  |  |  |

## 10/583275 AP3 Rec'd PCT/PTO 16 JUN 2000

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. a. X A check in the amount of \$ 1,660.00 to cover the above fees is enclosed. 02-2448 in the amount of \$ Please charge my Deposit Account No. to cover the above fees. A duplicate copy of this sheet is enclosed. c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 02-2448 \_ . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: SIGNATURE June 16, 2006 Marc S. Weiner NAME CUSTOMER NUMBER: 02292 32,181 REGISTRATION NUMBER /clb